In The Claims

1. (Previously presented) A communications system, comprising:

a first data path to a CPU for correlating an incoming GPS signal, located within a scanned signal window, with a locally generated signal; and

a second data path to a CPU for verifying the incoming GPS signal, located within the scanned signal window, against a lock signal, the second data path determining whether the incoming GPS signal has at least one characteristic that differentiates the incoming GPS signal from an auto-correlated signal or a cross-related signal, wherein the locally generated signal can change in order to continue to search the scanned signal window for a second incoming GPS signal if the incoming GPS signal lacks the at least one characteristic.

2. (Previously presented) The communications system of claim 1, wherein the first data path and the second path are located on a single integrated circuit.

3. (Previously presented) The communications system of claim 2, wherein the at least one characteristic is a predetermined signal strength of the incoming GPS signal.

4. (Previously presented) The communications system of claim 2, wherein the at least one characteristic is a predetermined Signal-to-Noise Ratio (SNR) of the incoming GPS signal.

5. (Previously presented) The communications system of claim 2, wherein the at least one characteristic is selected from a group consisting of a correlation to a different satellite

code being stronger than a correlation to a desired satellite code, and a different delay of the same satellite code being stronger than a correlation to a locally generated code delay.

6. (Previously presented) The communications system of claim 2, wherein the at least one characteristic is at least two characteristics selected from a group consisting of a predetermined signal strength of the incoming GPS signal, a predetermined Signal-to-noise Ratio (SNR) of the incoming GPS signal, a correlation to a different satellite code being stronger than a correlation to a desired satellite code, and a correlation to a different delay of the same satellite code being stronger than a correlation to a locally generated code delay.

7. (Previously presented) The communications system of claim 2, wherein the first data path is controlled by a first central processing unit (CPU), and the second data path is controlled by a second CPU.

8. (Previously presented) The communications system of claim 2, wherein the CPU is in a cellular telephone.

9. (Previously presented) The communications system of claim 8, wherein the cellular telephone use a single local oscillator to provide a first reference frequency to a ~~the~~ cellular transceiver and a second reference frequency to a GPS receiver.

10. (Original) The communications system of claim 9, wherein the first reference frequency and the second reference frequency are the same reference frequency.

11. (Cancelled)

12. (Original) The communications system of claim 10 ~~11~~, wherein the GPS receiver can send a position calculation via the cellular transceiver.

13. (Currently amended) The communications system[[s]] of claim 12, wherein the position calculation is at least one pseudorange.

14. (Original) The communications system of claim 12, wherein the position calculation is raw GPS data.

15. (Previously presented) The communications system of claim 12, wherein the position calculation is a determined position of the GPS receiver that is co-located with the cellular telephone.

16. (Previously presented) The communications system of claim 15, wherein the cellular telephone provides data to the GPS receiver.

17. (Original) The communications system of claim 16, wherein the provided data comprises ephemeris information.

18. (Original) The communications system of claim 16, wherein the provided data comprises time information.

19. (Original) The communications system of claim 16, wherein the provided data comprises coarse position information.

20. (Previously presented) The communications system of claim 16, wherein the provided data is selected from a group consisting of time information, ephemeris information, and coarse position information.